

08CN07467-1

IN THE CLAIMS

Please cancel Claims 14, 15, and 22 without prejudice.

Please amend Claims 1, 3, 4, 5, 21, 24, 25, 26, and 30 as follows in re-written "clean" format:

Subcl.  
cont.  
Q2

1. (Amended/Clean) A conductive thermoplastic composition comprising:

about 20 to about 60 weight percent of a polyphenylene ether copolymer comprising about 75 to about 90 weight percent of 2,6-dimethyl-1,4-phenylene ether units and about 10 to about 25 weight percent of 2,3,6-trimethyl-1,4-phenylene ether units;

about 30 to about 65 weight percent of a polyamide;

about 1 to about 30 weight percent of an impact modifier comprising a styrene-(ethylene-butylene)-styrene triblock copolymer and a styrene-(ethylene-propylene) diblock copolymer; and

about 0.025 to about 40 weight percent of an electrically conductive filler;

wherein all weight percents are based on the total weight of the composition.

Q3

3. (Amended/Clean) The composition of Claim 1, wherein the polyamide comprises poly(pentamethylene carboximide), poly(hexamethylene adipamide), or a combination thereof.

4. (Amended/Clean) The composition of Claim 1, wherein the polyamide comprises poly(pentamethylene carboximide) and poly(hexamethylene adipamide).

Subcl.  
cont.  
Q5

5. (Amended/Clean) The composition of Claim 1, wherein the polyamide comprises about 3 to about 17 weight percent of poly(pentamethylene carboximide) and about 32 to about 51 weight percent of poly(hexamethylene adipamide). based on the total weight of the composition.

08CN07467-1

*Subcl. 19*  
~~21.~~ (Amended/Clean) A conductive composition comprising:

*Subcl. 19*  
about 30 to about 45 weight percent of a polyphenylene ether copolymer comprising about 75 to about 90 weight percent of 2,6-dimethyl-1,4-phenylene ether units and about 10 to about 25 weight percent of 2,3,6-trimethyl-1,4-phenylene ether units;

*Subcl. 19*  
about 30 to 65 weight percent of a polyamide selected from the group consisting of poly(hexamethylene adipamide), poly(pentamethylene carboximide), and mixtures thereof;

*Subcl. 19*  
about 5 to about 20 weight percent of an impact modifier comprising a styrene-(ethylene-butylene)-styrene triblock copolymer and a styrene-(ethylene-propylene) diblock copolymer;

*Subcl. 19*  
about 0.5 to about 5 weight percent of an electrically conductive filler selected from the group comprising a conductive carbon black, vapor grown carbon fibers, and mixtures thereof; and

*Subcl. 19*  
about 0.1 to about 5 weight percent a compatibilizing agent selected from the group consisting of citric acid, maleic acid, maleic anhydride, malic acid, fumaric acid, and combinations comprising at least one of the foregoing compatibilizing agents;

*Subcl. 19*  
wherein all weight percents are based on the total weight of the composition.

*Subcl. 19*  
~~24.~~ <sup>21</sup> (Amended/Clean) The composition of Claim ~~21~~ <sup>19</sup>, comprising about 5 to about 15 weight percent of the poly(pentamethylene carboximide) and about 25 to about 50 weight percent of the poly(hexamethylene adipamide).

08CN07467-1

25. <sup>22</sup> (Amended/Clean) A conductive composition comprising:

about 32 to about 38 weight percent of a polyphenylene ether copolymer comprising about 75 to about 90 weight percent of 2,6-dimethyl-1,4-phenylene ether units and about 10 to about 25 weight percent of 2,3,6-trimethyl-1,4-phenylene ether units;

about 35 to about 40 weight percent of poly(hexamethylene adipamide).;

about 8 to about 12 weight percent of poly(pentamethylene carboximide);

about 5 to about 10 weight percent of a styrene-(ethylene-butadiene)-styrene triblock copolymer;

about 5 to about 10 weight percent of a styrene-(ethylene-propylene) diblock copolymer;

about 1.0 to about 2.5 weight percent of a conductive carbon black; and

about 0.3 to about 1.1 weight percent of citric acid;

wherein all weight percents are based on the total weight of the composition.

26. (Amended/Clean) A conductive thermoplastic composition comprising the reaction product of:

about 20 to about 60 weight percent of a polyphenylene ether copolymer comprising about 75 to about 90 weight percent of 2,6-dimethyl-1,4-phenylene ether units and about 10 to about 25 weight percent of 2,3,6-trimethyl-1,4-phenylene ether units;

about 30 to about 65 weight percent of a polyamide;

about 0.1 to about 5 weight percent of a compatibilizing agent; and

about 0.025 to about 40 weight percent of an electrically conductive filler;

wherein all weight percents are based on the total weight of the composition.

08CN07467-1

27

30.

(Amended/Clean) A method for preparing a conductive thermoplastic

composition, comprising: melt blending about 20 to about 60 weight percent of a polyphenylene ether copolymer comprising about 75 to about 90 weight percent of 2,6-dimethyl-1,4-phenylene ether units and about 10 to about 25 weight percent of 2,3,6-trimethyl-1,4-phenylene ether units, about 30 to about 65 weight percent of a polyamide, about 5 to about 20 weight percent of an impact modifier comprising a styrene-(ethylene-butylene)-styrene triblock copolymer and a styrene-(ethylene-propylene) diblock copolymer, and about 0.025 to about 40 weight percent of an electrically conductive filler, wherein all weight percents are based on the total weight of the composition.